DEC 1 0 2001

Substitute for form 1449A/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet	·1	of	2

(ž) , &	omplete if Known	
Application (Tumper)	09/889,936	
Filing Date	July 25, 2001	
First Named Inventor	Itamar WILLNER	
Group Art Unit		
Examiner Name		
Attorney Docket Number	WILLNER=5	

	U.S. PATENT DOCUMENTS								
Examiner Initials*	Cite No.¹	U.S. Patent D Number	Document Kind Code <sup>2</sup> (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear			
~	AA	5,658,732		EBERSOLE et al.	08-19-1997				
	AB	4,242,096		OLIVEIRA et al.	12-30-1980				
	AC	4,735,906		BASTIAANS	04-05-1988				
	AD	4,314,821		RICE	02-09-1982				
	AE	4,236,893		RICE	12-02-1980				
6	AF	4,999,284		WARD et al.	03-12-1991				
						<u> </u>			
						<u> </u>			
					1				
						<del></del>			
					<u> </u>				
					•				

FOREIGN PATENT DOCUMENTS									
Examiner Initials*	Cite No.1	Office <sup>3</sup>	Foreign Patent Num Number	ber Kind Code <sup>5</sup> (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	т•	
3	AG	EP	0 453 224		HUGHES AIRCRAFT COMPANY	10-23-1991	·	,	
	АН	wo	98/57141		BIOSENSOR APPLICATIONS SWEDEN AB	12-17-1998			
2	AJ	wo	97/04314		YISSUM RESEARCH DEVELOPMENT COMPANY OF THE HEBREW UNIVERSITY OF JERUSALEM	02-06-1997			

Examiner Signature	<b>√</b>	m	9		Date Considered	7. (VB (85	
	γ		L.	75	•	<del>_</del>	

<sup>\*</sup> EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>&</sup>lt;sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

ζ.	-		<b>`</b>			
Substitute for form 1449A/PTO				d	omplete if Known	
Judamute	io iomi 143AFTO			Application Number	09/889,936	
INFO	RMATION D	ISC	CLOSURE	Filing Date	July 25, 2001	
STAT	EMENT BY	AΡ	PLICANT	First Named Inventor	Itamar WILLNER	
<b>U</b> 174.		,		Group Art Unit .		
	(use as many shee	ts as r	ecessary)	Examiner Name		
Sheet	2	of	2	Attorney Docket Number	WILLNER=5	

		OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
M	AJ	Sten-Anders BRINK, "Bofors Schnauzer - A Biosensor for Detection of Explosives", <u>Eurel International</u> <u>Conference: The Detection of Abandoned Land Mines: A Humanitarian Imperative Seeking a Technical</u> <u>Solution</u> , 1996, p. 33-36	
	AK	Upvan NARANG et al., "Multianalyte Detection Using a Capillary-Based Flow Immunosensor", Analytical Biochemistry, 1998, pp. 13-19, vol. 255, article no. AB972411	
	AL	Alan SHONS et al, "An Immunospecific Microbalance", <u>J. Biomed, Mater, Res.</u> , 1972, pp. 565-570, vol. 6	
	AM	Dean D. FETTEROLF et al., "An Enzyme-Linked Immunosorbent Assay (ELISA) for Trinitrotoluene (TNT) Residue on Hands", <u>Journal of Forensic Sciences</u> , 1991, pp. 343-349, vol. 36, no. 2	
	AN	Hiroshi MURAMATSU et al., "Piezoelectric Crystal Biosensor System for Detection of Escherichia Coff", Analytic Letters, 1989, pp. 2155-2166, vol. 22(9)	
	AO	H. MURAMATSU et al., "Piezoelectric Immuno Sensor for the Detection of Candida albicans Microbes", Analytica Chimica Acta., 1986, pp. 257-261, vol. 188	
	AP	Michael D. WARD et al., "In Situ Interfacial Mass Detection with Piezoelectric Transducers", Science, 1990, pp. 1000-1007, vol. 249	
	AQ	Ahmad A. SULEIMAN et al., "Recent Developments in Piezoelectric Immunosensors: A Review", Analyst, 1994, pp. 2279-2282, vol. 119	
	AR	Joy E. ROEDERER et al., "Microgravimetric Immunoassay with Piezoelectric Crystals", <u>Anal, Chem.</u> , 1983, pp. 2333-2336, vol. 55	
	AS	Hiroshi MURAMATSU et al., "Plezoelectric Crystal Biosensor Modified with Protein A for Determination of Immunoglobulins", Anal. Chem., 1987, pp. 2760-2763, vol. 59	
	АТ	Jakob SLANINA et al., "Determination of Sulfur Dioxide in Ambient Air by a Computer-Controlled Thermodenuder System", Anal. Chem., 1987, pp. 2764-2766, vol. 59	
	AU	Bernd KÖNIG et al., "Detection of Viruses and Bacteria with Piezoelectric Immunosensors", <u>Analytical letters</u> , 1993, pp. 1567-1585, vol. 26(8)	
	AV	Patent Abstracts of Japan, Publication no. 01269485, Publication date October 26, 1989	
	AW	Patent Abstracts of Japan, Publication no. 01269488, Publication date October 26, 1989	
a	AX AX	Patent abstract for DE 3733986, published April 20, 1989	

Examiner Signature	12	Date Considered	9/11/05

<sup>\*</sup> EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>&</sup>lt;sup>1</sup> Unique citation designation number. <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.